

# SEAC SPED Task Force Continuing Discussion

September 25, 2020

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# Focus Areas

1. Regression and new needs
2. Current service delivery
3. Learning the tech/tech issues
4. Continuum of educational / service options

# Learning the tech/Tech issues

- Chromebooks
  - ChromeOS has some accessibility features, but appears to be limited.
  - Windows 10: more mature accessibility, third-party acc. product ecosystem
    - Modestly more capex and significantly more complexity and opex
  - iPad: different ergonomics, touch (pen on Pro), modest acc., poor kbs
    - Less manageable. pre-reading/reading-impaired students?
  - Visually impaired: screen size, type, magnification, contrast, screen reader
  - OT: keyboard, trackpad, ergonomics, general computer usage
  - Executive function: durability/breakage

# Learning the tech/Tech issues

- DL platform
  - Setup frictions / manual setup steps
  - Student must find and go to tasks instead of bringing tasks to them
  - How to assist w/transitions?
    - Students don't show up / disappear
    - Async work doesn't get completed
  - Meet and visually impaired: icons, text in various places, track/mouse UI
  - Meet frictions: lobby join, mic mute/unmute, stimulus/information overload
  - Sensory: audio tambre, echo, feedback, glitching
  - Sync. learning not conducive to small-group

# Learning the tech/Tech issues

- Visual/Sensory: Screens can be more difficult to read than paper
- Professionals' opinion that there is value in the book / paper experience
- Screens' impact on executive function and brain development
  - Impacts of this amount of sedentary screen time
  - Combined with circumstances limiting outdoor/social/athletic activities
- Increase in executive function disorders?
- Need DL equivalents for many SPED push-in supports
- Teachers need techniques and/or tools to help “read the room”
  - Sync. time is often a lecture
  - Interacting with / polling 22-24 students takes too long
  - Teachers/aides can't observe difficulties working on async assignments

# Learning the tech/Tech issues

- Interoperability between other/existing AT and DL
- Distractions
- Sometimes things don't work the way we expect
- Roles, responsibilities, "tech support" still unclear
- When the teacher(s) have tech problems, impacts everyone
- Time to repair / resolve time an issue (a day can be more than a day)